PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference W 4544-001 MT		CT/ISA/220 pplicable, item 5 below.						
International application No.	International filing date (day month year)	(Earliest) Priority Date (day/month/year)						
PCT/SE 2004/002016	23 December 2004	30 December 2003						
Applicant								
Bioactive Polymers AB et a	al							
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.								
This international search report consists of a total of sheets.								
It is also accompanied by	y a copy of each prior art document cited i	n this report.						
1. Basis of the report								
	he international search was carried out on s filed, unless otherwise indicated under thi							
	earch was carried out on the basis of a tran thority (Rule 23.1(b)).	slation of the international application						
b. With regard to any nucleary No. I.	otide and/or amino acid sequence disclosed	in the international application, see Box						
2. Certain claims were foun	d unsearchable (see Box No. II)							
3. Unity of invention is lack	uing (see Box No. III)							
4. With regard to the title,								
the text is approved as s	ubmitted by the applicant.							
the text has been establis	shed by this Authority to read as follows:							
5. With regard to the abstract,								
1 61	ubmitted by the applicant.							
the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.								
6. With regard to the drawings,								
	a. the figure of the drawings to be published with the abstract is Figure No.							
as suggested by the applicant. as selected by this Authority, because the applicant failed to suggest a figure.								
	as selected by this Authority, because this figure better characterizes the invention.							
b. I none of the figures is to be published with the abstract.								

International application No. PCT/SE2004/002016

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)						
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:						
1. Claims Nos.: 22 because they relate to subject matter not required to be searched by this Authority, namely:						
See next sheet.						
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:						
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).						
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)						
This International Searching Authority found multiple inventions in this international application, as follows:						
·						
·						
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.						
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.						
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:						
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:						
Remark on Protest The additional search fees were accompanied by the applicant's protest.						
No protest accompanied the payment of additional search fees.						

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

International application No. PCT/SE2004/002016

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Claim 22 relates to a method of treatment of the human or animal body by surgery or by therapy, as well as diagnostic methods /Rule 39.1(iv). Nevertheless, a search has been executed for this claim. The search has been based on the alleged effects of the product.

Form PCT/ISA/210 (extra sheet) (January 2004)

International application No.

PCT/SE 2004/002016

A. CLASSIFICATION OF SUBJECT MATTER IPC7: A61K 38/16, A61P 41/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC7: A61K Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE,DK,FI,NO classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CHEM. ABS. DATA, WPI DATA, EMBASE, MEDLINE C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A WO 9722371 A1 (COLLAGEN CORPORATION), 26 June 1997 1-22 (26.06.1997)Elbert, Donald L. et al, "Reduction of fibrous Α 1-22 adhesion formation by a copolymer possessing an affinity for anionic surfaces", J Biomed Mater Res, 1998, vol. 42, page 55 - page 65 Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand document defining the general state of the art which is not considered to be of particular relevance the principle or theory underlying the invention "E" earlier application or patent but published on or after the international "X" document of particular relevance: the claimed invention cannot be filing date considered novel or cannot be considered to involve an inventive document which may throw doubts on priority claim(s) or which is step when the document is taken alone cited to establish the publication date of another citation or other "Y" document of particular relevance: the claimed invention cannot be special reason (as specified) considered to involve an inventive step when the document is combined with one or more other such documents, such combination document referring to an oral disclosure, use, exhibition or other being obvious to a person skilled in the art document published prior to the international filing date but later than "&" document member of the same patent family the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 7 April 2005 Name and mailing address of the ISA/ Authorized officer Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Carolina Gómez Lagerlöf/EÖ Facsimile No. + 46 8 666 02 86 Telephone No. + 46 8 782 25 00

Information on patent family members

01/03/2005

International application No.

PCT/SE 2004/002016

WO	9722371	A1	26/06/1997	AU	717660	В	30/03/2000
				AU	1334497	Α	14/07/1997
				CA	2239775	Α	26/06/1997
				EP	0876165	Α	11/11/1998
				JP	2000502380	T	29/02/2000
				JP	2004244639	Α	02/09/2004
				US	5874500	Α	23/02/1999
				US	6051648	A	18/04/2000
				US	6166130	A	26/12/2000
				US	6323278	В	27/11/2001
				US			01/10/2002
	-			US	6534591		18/03/2003
				US	6833408		21/12/2004
				US	20010003126		07/06/2001
				US	20020013408		31/01/2002
				US	20020042473		11/04/2002
				US	20030119985		26/06/2003
				US	20030149173		07/08/2003
				US	20040185084	A	23/09/2004
				US	20040186230	Α	23/09/2004
				US	20040186231	A	23/09/2004
				US	20040235708	A	25/11/2004
				US	20050027069	A	03/02/2005
				US	20050027070	A	03/02/2005

International application No. PCT/SE2004/002016

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)							
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:							
1. Claims Nos.: 22 because they relate to subject matter not required to be searched by this Authority, namely:							
See next sheet.							
Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:							
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).							
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)							
This International Searching Authority found multiple inventions in this international application, as follows:							
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.							
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.							
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:							
·							
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:							
Remark on Protest							
The additional search fees were accompanied by the applicant's protest.							
No protest accompanied the payment of additional search fees.							

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

alleged effects of the product.

International application No. PCT/SE2004/002016

Box II.1									·		
Claim 22	relate	s to	a me	thod	of	trea	tmen	t of	the	huma	n or
animal bo	ody by	surge	ry or	by	ther	apy,	as	well	as d	diagno	stic
methods	/Rule	39.1(iv).	Neve	erthe	eless	, a	sea	rch	has	been
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Form PCT/ISA/210 (extra sheet) (January 2004)

International application No. PCT/SE 2004/002016

A. CLASSIFICATION OF SUBJECT MATTER							
IPC7: A61K 38/16, A61P 41/00 According to International Patent Classification (IPC) or to both national classification and IPC							
B. FIELD	S SEARCHED						
Minimum d	ocumentation searched (classification system followed b	y classification symbols)					
IPC7: A	161K						
Documentat	ion searched other than minimum documentation to the	e extent that such documents are included i	n the fields searched				
SE,DK,FI,NO classes as above							
Electronic d	ata base consulted during the international search (name	e of data base and, where practicable, searc	h terms used)				
CHEM. A	ABS. DATA, WPI DATA, EMBASE, MEDLI	INE					
C. DOCU	MENTS CONSIDERED TO BE RELEVANT		,				
Category*	Citation of document, with indication, where app	propriate, of the relevant passages	Relevant to claim No.				
A	WO 9722371 A1 (COLLAGEN CORPORAT (26.06.1997)	TION), 26 June 1997	1-22				
A	1-22						
!							
	•		•				
Furth	er documents are listed in the continuation of Box	C. See patent family annex					
* Special	categories of cited documents:	"T" later document published after the inte	mational filing date or mights				
	nt defining the general state of the art which is not considered particular relevance	date and not in conflict with the appli- the principle or theory underlying the	cation but cited to understand				
filing d	application or patent but published on or after the international ate nt which may throw doubts on priority claim(s) or which is	"X" document of particular relevance: the considered novel or cannot be considered step when the document is taken alone	red to involve an inventive				
cited to	establish the publication date of another citation or other reason (as specified)	"Y" document of particular relevance: the					
O" document referring to an oral disclosure, use, exhibition or other means combined with one or more other such documents, such combination							
'P' document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family							
Date of the actual completion of the international search Date of mailing of the international search report							
7 April	7 April 2005. 1 84-2005						
	mailing address of the ISA/	Authorized officer					
	Patent Office S-102 42 STOCKHOLM	Canalina Cáras Lassales					
	No. +46 8 666 02 86	Carolina Gómez Lagerlöf/ Telephone No. +46 8 782 25 00					

Information on patent family members

01/03/2005

International application No. PCT/SE 2004/002016

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ı	WO	9722371	A1	26/06/1997	AU	717660 B	30/03/2000
ı					AU	1334497 A	14/07/1997
ı					CA	2239775 A	26/06/1997
ĺ					EP	0876165 A	11/11/1998
ı					JP	2000502380 T	29/02/2000
I					JP	2004244639 A	02/09/2004
I					US	5874500 A	23/02/1999
I					US	6051648 A	18/04/2000
ı					US	6166130 A	26/12/2000
1	•				US	6323278 B	27/11/2001
ı					US	6458889 B	01/10/2002
ı					US	6534591 B	18/03/2003
ı					US	6833408 B	21/12/2004
Ì					US	20010003126 A	07/06/2001
l					US	20020013408 A	31/01/2002
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I					US	20030119985 A	26/06/2003
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ł					US	20040186230 A	23/09/2004
۱					US	20040186231 A	- 23/09/2004
١					US	20040235708 A	25/11/2004
۱					US	20050027069 A	03/02/2005
۱					ÜS	20050027070 A	03/02/2005
1							22, 02, 2000

Form PCT/ISA/210 (patent family annex) (January 2004)